

**Notice of Allowability**

Application No.

10/045,358

Examiner

Patricia Hightower

Applicant(s)

MOSZNER ET AL.

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1711

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed 11/23/2004.
2. ☒ The allowed claim(s) is/are 1-14, 16 and 17.
3. ☐ The drawings filed on \_\_\_\_\_ are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☒ All b) ☐ Some\* c) ☐ None of the:  
1. ☒ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).  
\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.  
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached  
1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.  
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.  
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)  
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)  
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_.  
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material  
5. ☐ Notice of Informal Patent Application (PTO-152)  
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_.  
7. ☐ Examiner's Amendment/Comment  
8. ☒ Examiner's Statement of Reasons for Allowance  
9. ☐ Other \_\_\_\_\_.

**Reasons For Allowance**

The following is an examiner's statement of reasons for allowance:

In view of the applicants' amendment/response filed November 23, 2004 the claimed **"dental material containing an amide of the general formula  $BX_n$**  in which **B** is a **hydrocarbon radical with 2 to 50 carbon atoms** which can contain one or more of the groups O, S, NH, CO-NH, and which is substituted with the group **X**,

**X** is the group  $\left[ \begin{array}{c} \text{O} \quad \text{CH}_2 \\ \parallel \quad \parallel \\ \text{--- N --- C --- C ---} \\ | \quad | \\ \text{A}' \end{array} \right]$ , which is bound to the radical **B** via the nitrogen atom or via C-2, the bond site not connected B carrying a radical  $R^2$ ,  $R^1$  is hydrogen, an alkyl group with 1 to 20 carbon atoms or phenyl radical, two or more radicals **X** being able to share a radical  $R^1$  and  $R^1$  also being able to be a constituent of the radical **B**,  $R^2$  is hydrogen, an alkyl group with 1 to 20 carbon atoms or a phenyl radical and  $n$  is a number from 2 to 5 and **at least one acidic polymerizable monomer and the amide of the general formula  $BX_n$**  in which **B** is a **hydrocarbon radical with 2 to 50 carbon atoms** which can contain one or more of the groups O, S, NH, CO-NH, and which is substituted with the group **X**,

**X** is the group  $\left[ \begin{array}{c} \text{O} \quad \text{CH}_2 \\ \parallel \quad \parallel \\ \text{--- N --- C --- C ---} \\ | \quad | \\ \text{A}' \end{array} \right]$ , which is bound to the radical **B** via the nitrogen atom or via C-2, the bond site not connected B carrying a radical  $R^2$ ,  $R^1$  is hydrogen, an alkyl group with 1 to 20 carbon atoms or phenyl radical, two or more radicals **X** being able to share a radical  $R^1$  and  $R^1$  also being able to be a constituent of the radical **B**,  $R^2$  is hydrogen, an alkyl group with 1 to 20 carbon atoms or a phenyl radical and  $n$  is a number from 2 to 5 comprising a dental adhesive, coating material, filling material or dental cement wherein the dental material containing the amide

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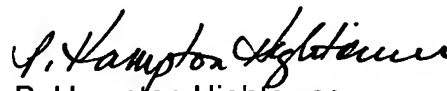
polymer having an acidic polymerizable monomer, unexpectedly exhibits enhanced hydrolysis stability; are allowable.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Patricia Hightower whose telephone number is (571) 272-1073. The examiner can normally be reached on M-F from 9:30 A.M. - 6:00 P.M.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Seidleck can be reached on (571) 272-1078. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
P. Hampton Hightower  
Primary Examiner  
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P. Hightower:ph